



University of California

Lawrence Livermore National Laboratory

Procurement & Materiel

September 26, 2003

To All Potential Offerors

Subject: **Request For Proposal B532746**

The University of California Lawrence Livermore National Laboratory (hereinafter called "University") requests a proposal for a 1,024 Quad Tiger4 or equivalent cluster (hereinafter called "Thunder") in accordance with this Request For Proposal (RFP) and the enclosed sample Subcontract. Please provide an electronic copy and one original of the proposal.

Proposals are due on **Friday, October 3, 2003**. Acceptance of late proposals will be at the sole discretion of the University. Facsimile proposals are not acceptable. Proposals shall be valid for at least 30 days after the due date.

The University reserves the right to reject any and all proposals, to waive any minor irregularities in any proposal, or to cancel this RFP at any time prior to award without cost to the University. This RFP does not include provisions for the direct reimbursement of proposal preparation costs.

The University Procurement Representative is Brandt Esser and may be reached by telephone at (925) 423-1518, by fax at (925) 423-8019 or by e-mail at esser3@llnl.gov.

The University of California manages the Lawrence Livermore National Laboratory and conducts Laboratory business under Laboratory Procurement Policies and Procedures consistent with the Prime Contract between the University and the United States Government, represented by the Department of Energy National Nuclear Security Administration (hereinafter called "DOE/NNSA").

NAICS CODE AND SIZE STANDARD

The North American Industry Classification System (NAICS) Code for this acquisition is **334111**. The corresponding small business size standard for this acquisition is 1,000 employees or less. However, the small business size standard for a concern that submits an offer in its own name, other than for construction or services, but proposes to furnish a product that it did not itself manufacture is 500 employees or less.

The Offeror shall base its Small Business Program Representations in the attached Representations and Certifications form on this small business size standard. Refer to Subpart 19.1 - Size Standards, of the Federal Acquisition Regulation (FAR) for information on calculating the number of employees.

*A DOE/NNSA Prime Contractor
Phone (925) 423-7161 • FAX (925) 423-8019
7000 East Avenue P.O. Box 5012
Livermore, CA 94550 Livermore, CA 94551*

(DM-503; 06/18/03)

PROPOSAL CONTENTS

Minimum Requirements

A minimum requirement is addressed in the Statement of Work and is identified with an (MR) designation. An Offeror's proposal shall demonstrate how it meets or exceeds this requirement.

Performance Features, Supplier Attributes, Affordability, and Schedule

The Offeror's proposal should identify and discuss the performance features and supplier attributes that will be important to the Offeror's successful performance and the attainment of the University's objectives. The University has identified the performance features and supplier attributes, listed below, that should be discussed in the proposal. The Offeror may identify and discuss other performance features and supplier attributes it believes may be of value to the University. If the University agrees, consideration may be given to them in the evaluation process. Affordability is the University's assessment of the price relative to the perceived value offered in the proposal. The Offeror should discuss the proposed testing and delivery schedules. In all cases, the University will assess the value of each proposal as submitted.

Performance Features

Feasibility

The University believes the integration plan is critical to successfully manufacturing Thunder on schedule. The Offeror should discuss the feasibility and completeness of the Offeror's integration plan, paying particular attention to the integration of the University furnished government property with the Offeror's equipment and the quality of the project Gantt chart.

Technical requirements are identified in the Statement of Work incorporated in the sample Subcontract. These are ranked in order of interest to the University by dash numbers, with -1 being the highest interest and -3 being the least interest. The Offeror should address these technical requirements and discuss the feasibility and potential for success of the Offeror's solutions.

Supplier Attributes

Capability

The Offeror should provide a written description of projects similar in type and complexity as this project that the Offeror has completed recently. These may include public and private contracts. Include technical and business contact points by name, title, address, telephone number and, if available, e-mail address. Offerors are encouraged to include a self-assessment of their performance on these projects including what went well and what did not. Offerors may discuss the latter in the context of a lessons learned scenario.

The University is concerned with the facility where Thunder will be manufactured and the skills and experience of the individuals who will manage the project and oversee the work. The Offeror should provide descriptions and information that will allow the University to assess how these factors will contribute to the Offeror's successful performance.

Affordability

Price

The proposal shall include firm fixed prices for the work in accordance with the Thunder Price Schedule spreadsheet. The University will consider the total proposed price relative to the approach, facilities, management oversight, and actual experience demonstrated by the proposal. The University will also assess the competitiveness of the total proposed price relative to other proposed prices and its affordability in relation to the available funding.

Schedule

The University requires completion of initial acceptance testing by October 27, 2003. An earlier completion date may be proposed and may be subject to negotiation prior to award. The proposal shall also include the date when the Thunder system shall be delivered to the University.

Small Business Subcontracting Plan

Unless the Offeror is a small business, or the total value of the offer is less than \$500,000, the Offeror must provide a Small Business Subcontracting Plan including anticipated total subcontracting amount and the percentage goals and amounts for all of the various small business categories. Refer to the Small Business Subcontracting Plan clause referenced in the GENERAL PROVISIONS and the attached Model Small Business Subcontracting Plan for additional information. The approved plan will be made a part of any resulting Subcontract. Failure to submit an acceptable subcontracting plan shall make the Offeror ineligible for award of a subcontract.

DUNS Number

The Offeror shall provide its D-U-N-S number as part of the proposal.

ACCEPTANCE OF TERMS & CONDITIONS

Submission of a proposal shall indicate the Offeror's willingness to accept the terms and conditions of the sample Subcontract and its attachments unless specific exceptions are taken. These terms and conditions have been approved by the DOE/NNSA. Changing them may be time consuming. Failure to accept the terms and conditions may result in significant, unacceptable delays in award of a Subcontract, which could cause the University to reject your proposal.

EVALUATION AND SELECTION

Evaluation Factors

The University will evaluate the proposal for minimum requirements, performance features, supplier attributes, affordability, and schedule.

Basis for Selection

The University intends to select the Offeror whose proposal satisfies the minimum requirements and contains the combination of price, performance features, supplier attributes, and schedule offering the best overall value to the University. The University will determine the best overall value by comparing differences in performance features, supplier attributes, and schedule offered with differences in price, striking the most advantageous balance between expected performance and the overall price to the University. Offerors must, therefore, be persuasive in describing the value of their proposed performance features and supplier attributes in enhancing the likelihood of successful

performance or otherwise best achieving the University's objectives. The University may select the Offeror whose proposal is considered to offer the best overall value compared to proposals with either higher or lower prices. The University's selection may be made on the basis of the initial proposals or the University may elect to negotiate with any or all Offerors.

PROPOSAL INSTRUCTIONS

Offerors' Questions

The University will respond to questions submitted in writing to the University Procurement Representative on or before October 1, 2003. Questions submitted after this date may not be answered. Questions may be submitted by facsimile or e-mail. Answers to questions that are germane to the interpretation of the University's requirements will be issued to all Offerors in writing.

Submittal Addresses

Electronic proposals may be sent to the University Procurement Representative's e-mail address shown on page one of this RFP. Electronic proposals shall be in Microsoft® Office 2000 (Word, Excel, PowerPoint, Project) formats, Adobe® PDF format, or Rich Text Format. Submission may also be made by FAT formatted 100MB ZIP® disk or ISO standard CD-ROM. Original proposals received at a later date will be accepted, but the University will rely upon the electronic proposal as the governing document. The Offeror shall deliver the original proposal to one of the following addresses.

Address for Commercial Courier

(Not For Hand Delivery)

University of California
Lawrence Livermore National Laboratory
Attention: Brandt Esser
Mail Code L-650
7000 East Avenue
Livermore, CA 94550

Address for Mailing

University of California
Lawrence Livermore National Laboratory
Attention: Brandt Esser
Mail Code L-650
P.O. Box 5012
Livermore, CA 94551

Proprietary Data

The University prefers not to receive proprietary data. If proprietary data is included in a proposal, it must be marked "Proprietary." The University will exercise its best effort to avoid disclosure of proprietary data.

Other Proposal Requirements

Open Source Software

In the sample Subcontract enclosed with this RFP, the University has included DOE/NNSA-approved provisions for open source software that may be delivered under the proposed Subcontract. These provisions include the Berkeley Software Development (BSD) open source software license, general information about open source software, and changes to the FAR and DEAR intellectual property clauses incorporated by reference in the GENERAL PROVISIONS. The University acknowledges that there are other pro forma open source software licenses in existence and use. However, the University notes that DOE/NNSA and the University prefer the BSD license. Offerors

may propose another open source software license but should be aware that significant deviations from the provisions included in the sample Subcontract may cause the Offeror's proposal to be viewed as less valuable than other proposals that accept these provisions. Significant deviations from these provisions may also cause the University and DOE/NNSA to reconsider the pre-approved changes to the aforementioned FAR and DEAR intellectual property clauses.

Royalty Information [Per Dear 970.5227-7]

If the offer in response to this solicitation contains costs or charges for royalties totaling more than \$250, the following information shall be included in the response relating to each separate item of royalty or license fee: name and address of licensor; date of license agreement; patent numbers, patent application serial numbers, or other basis on which the royalty is payable; brief description, including any part or model numbers of each item or component on which the royalty is payable; percentage or dollar rate of royalty per unit; unit price of item; number of units; and total dollar amount of royalties.

In addition, if specifically requested by the University Procurement Representative before award, the offeror shall furnish a copy of the current license agreement and an identification of applicable claims of specific patents or other basis upon which the royalty may be payable.

Integrated Safety Management (ISM) Requirement

ISM is a systematic approach to integrating safety into work planning and execution. In the ISM context, the term safety is synonymous with the University term "environment, safety, and health" (ES&H). It encompasses protection of employees, the public, and the environment.

All Subcontractor personnel working on-site may be required to satisfactorily complete safety training specific to the facility in which the work will be performed. The Subcontract Statement of Work, a separate list of required ISM training, or similar contractual document will specify the required training courses and course hours. Subcontractor costs for ISM training are reimbursable under the Subcontract to the extent that the costs are identified in the Subcontractor's proposal and incorporated into the resulting Subcontract by the University.

NOTICE TO OFFERORS

Lease-To-Ownership Financing

The University intends to acquire Thunder (not including maintenance) under a lease-to-ownership (LTO) arrangement. Any Subcontract resulting from this solicitation will be placed contingent upon execution of the required financing. This financing may be provided by the successful Offeror to this solicitation or under one of several master agreements that the University maintains with third-party sources.

Quotation for Offeror Financing

The planned LTO will provide for amortization of the equipment cost (not including maintenance) over a 36 month term. Offerors who are interested in providing the financing under the provisions of the sample LTO Agreement Seller Financing are invited to quote a fixed interest rate for the financing or a rate adder that will be used to establish a fixed rate by adding the rate adder to the treasury constant maturity rate of an equivalent term, as listed in the "Federal Reserve H.15 Report"

for the date of equipment acceptance. Also provide, if applicable, an origination fee percentage to be applied to the original principal. Please complete and sign Attachment A Request for Rate Information and return it with the proposal to offer Seller financing as part of the proposal response.

NOTE: Proposed financing will not be a criterion for selection of a successful Offeror under this solicitation.

Payment

Seller Financing

If the successful Offeror is also selected to provide financing, payment shall begin in accordance with the sample LTO Agreement Seller Financing after delivery and acceptance of all items required under the Subcontract, unless otherwise provided under the terms of the Subcontract.

Third-Party Financing

Payment for the equipment shall be tendered by the third-party in accordance with the resulting Subcontract, as required by the University's Master Lease-To-Ownership Agreement with the third-party. Payment for equipment will not be authorized by the University until all items are delivered and accepted, unless otherwise provided under the terms of the Subcontract.

Title to the equipment purchased under the Subcontract shall pass directly to the University's Lessor and, thereafter, to the U.S. Government under the provisions of the University's Master Lease-to-Ownership Agreement. Offeror shall provide a bill of sale upon payment for the equipment to evidence passage of title.

ENCLOSURES

The following enclosures are provided and need not be returned with the proposal.

Sample Subcontract

Model Small Business Subcontracting Plan

Sample LTO Agreement Seller Financing

Proposal Preparation Instructions

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The Offeror shall complete the following enclosures and submit them with the proposal.

Representations and Certifications

Thunder Price Schedule

Attachment A Request for Rate Information (if Seller financing is offered)

Sincerely,

Brandt Esser

Sr. Contract Administrator

Enclosures: As Noted